

## ABSTRACT

A system for increasing data access in a secure socket layer network environment includes a web server computer having SSL acceleration server software (SSLAS) and a client computer communicatively linked to the web server computer having SSL acceleration client software operably associated with the client computer which communicates with the SSLAS software to receive a copy of a pseudo CA certificate and a public key from the SSLAS software and present the pseudo CA certificate to web browser software on the client computer for validation thereof.